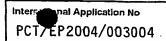
INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F11/14 G07F7/10

G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, INSPEC, COMPENDEX, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category	Oralion of Goodinesis, with indication, where appropriate, or the relevant passages	Helevant to Claim No.
Υ	EP 1 271 317 A (NAGRACARD S.A) 2 January 2003 (2003-01-02) paragraphs '0001! - '0017!, '0020!, '0036! - '0038! claims 1,17,18	1-6,9-11
Y	THANH NGUYEN: COTS JOURNAL, 'Online! December 2001 (2001-12), pages 14-20, XP002317390 Retrieved from the Internet: URL:http://www.rtcgroup.com/cotsjournal/pd fs/2001/12/cots12-ruggedside.pdf> 'retrieved on 2005-02-11! page 14, middle column, lines 5-8 page 14, right-hand column, lines 4-12 page 18, right-hand column, lines 3-35; figure 4	1-6,9-11

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 23 February 2005	Date of mailing of the International search report 02/03/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Lanchès, P

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	tion) DOCUMENTS CONSIDERED TO BE FIELEVANT		Polovant to elaim No	
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Υ	ROTENBERG E ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "AR-SMT: A MICROARCHITECTURAL APPROACH TO FAULT TOLERANCE IN MICROPROCESSORS" 29TH ANNUAL INTERNATIONAL SYMPOSIUM ON FAULT-TOLERANT COMPUTING. DIGEST OF PAPERS. (FTCS-29). MADISON, WI, JUNE 15 - 18, 1999, ANNUAL INTERNATIONAL SYMPOSIUM ON FAULT-TOLERANT COMPUTING, LOS ALMITOS, CA: IEEE COMP. SOC, US, 15 June 1999 (1999-06-15), pages 84-91, XP000873029 ISBN: 0-7803-5763-9 page 85, left-hand column, line 1 - page 86, left-hand column, line 20		5	
A	US 5 488 716 A (SCHNEIDER ET AL) 30 January 1996 (1996—01-30) column 3, line 42 - line 48 column 4, line 48 - line 65 figure 1		1,10,11	
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